

Assignment 5

Ans-1 - ~~#include <stdio.h>~~
~~# include <conio.h >~~

~~int main()~~

~~S~~

```
    int a , b , c ;
    printf ("Enter two numbers") ;
    scanf ("%d %d" , &a , &b) ;
    c = a + b ;
    printf ("Sum of %d and %d is %d" , a , b , c) ;
    getch () ;
```

~~3 .~~

Ans-2 - ~~#include <stdio.h>~~

~~# include <conio.h >~~

~~int main()~~

~~S~~

```
    int rc , Area
    printf ("Enter radius of circle") ;
    scanf ("%d" , &rc) ;
    Area = PI * rc * rc ;
    printf ("Area of circle is %d" , area) ;
```

~~3 .~~

Ans-2 #include <stdio.h>

include <conio.h>

int main()

{ float rc, a ;

printf("Enter radius of circle") ;

scanf("%f", &rc) ;

a = 3.14 * rc * rc ;

printf("Area of circle is %f", a) ;

getch() ;

Ans-3. # include <stdio.h>

include <conio.h>

int main()

{

float l, w, h, v ;

printf("Enter Length, Width and Height") ;

scanf("%f %f %f", &l, &w, &h) ;

v = l * w * h ;

printf("Volume of cuboid is %f", v) ;

getch() ;

};

Ans-4 # include <stdio.h>

include <conio.h>

int main()

{ float p, r, t, s ;

printf("Enter Principle, Rate and Time") ;

scanf("%f %f %f", &p, &r, &t) ;

```

s = (p * r * t) / 100 ;
printf(" Simple Interest is %.f", s);
getch();
}

```

Ans- 5- #include <stdio.h>

```

#include <conio.h>
int main()
{
    int l, w, a;
    printf(" Enter Length and Width");
    scanf(" %f %f", &l, &w);
    a = l * w;
    printf(" Area of Rectangle is %.f", a);
    getch();
}

```

Ans-6. #include <stdio.h>

```

#include <conio.h>
int main()
{
    float a, b, c, d;
    printf(" Enter three numbers");
    scanf(" %f %f %f", &a, &b, &c);
    d = (a + b + c) / 3;
    printf(" Average is %.f", d);
    getch();
}

```

Ans-7 #include <stdio.h>

#include <conio.h>

int main()

{

int a, b;

printf("Enter a number");

scanf("%d", &a);

b = a * a;

printf("Square of %d is %d", a, b);

getch();

}

Ans-8 #include <stdio.h>

#include <conio.h>

int main()

{

char c;

printf("Enter a character");

scanf("%c", &c);

printf("ASCII value of %c is %d", c, c);

getch();

}

Ans-9. #include <stdio.h>

#include <conio.h>

int main()

{

double cost, sell, profit, pf ;

printf("Enter cost price");

scanf("%lf", &cost);

printf("Enter selling price");

scanf("%lf", &sell);

profit = profit = sell - cost;

~~pf = ((profit * 100) / cost);~~

printf("Profit Percentage is %.2f %", pf);

getch();

}

Ans-10. #include <stdio.h>

#include <conio.h>

int main()

{

float b, h, a;

printf("Enter base and height value");

scanf("%f %f", &b, &h);

a = (b * h) / 2;

printf("Area of Triangle is %.2f", a);

getch();

}